

Please type a plus sign (+) inside this box →



PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)

Attorney Docket No. 1-120

First Inventor or Application Identifier

SAWADA et al.

Title

MOTOR COIL-SHORTING DETECTING UNIT

Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 14]

-Descriptive title of the Invention  
-Cross Reference to Related Applications  
-Background of the Invention  
-Summary of the Invention  
-Brief Description of the Drawings

-Detailed Description of the Preferred Embodiment  
-Claims

-Abstract of the Disclosure

3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2]

4. Oath or Declaration [Total Sheets 3]

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63 (d))  
(for continuation/divisional with Box 16 completed)
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY  
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT  
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28)

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(should be specifically itemized)
13. ☐ \*Small Entity Statement(s) (PTO/SB/09-12) ☐ Statement filed in prior application, Status still proper and desired
14. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☐ Other: .....

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: .....

Prior application information: Examiner .....

Group/Art Unit: .....

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

(Insert Customer No. or attach bar code label here)

or ☐ Correspondence address below

Name	23400			
Address	PATENT TRADEMARK OFFICE			
City	State	Zip Code		
Country	Telephone	(202) 416-1638	Fax	(202) 416-1639

Name (Print/type)	DAVID G. POSZ	Registration No. (Attorney/Agent)	37,701
Signature	<i>David G. Posz</i>	Date	3-26-01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2000</h2> <p style="margin: 5px 0;"><i>Patent fees are subject to annual revision.</i></p>		<b>Complete if Known</b>	
		Application Number	
		Filing Date <b>March 26, 2001</b>	
		First Named Inventor <b>SAWADA et al.</b>	
		Examiner Name	
		Group/Art Unit	
TOTAL AMOUNT OF PAYMENT (\$)		<b>1020</b>	
		Attorney Docket No. <b>1-120</b>	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																						
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <b>50-1147</b></p> <p>Deposit Account Name <b>LAW OFFICE OF DAVID G. POSZ</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>	<p><b>3. ADDITIONAL FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td><b>40</b></td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> </tbody> </table> <p>Other fee (specify) _____</p> <p>Other fee (specify) _____</p> <p>*Reduced by Basic Filing Fee Paid</p>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	390	216	195	Extension for reply within second month		117	890	217	445	Extension for reply within third month		118	1,390	218	695	Extension for reply within fourth month		128	1,890	228	945	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,240	241	620	Petition to revive - unintentional		142	1,240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)	<b>40</b>	146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))		149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																		
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																				
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																			
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																			
139	130	139	130	Non-English specification																																																																																																																																																																			
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																			
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																			
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																			
115	110	215	55	Extension for reply within first month																																																																																																																																																																			
116	390	216	195	Extension for reply within second month																																																																																																																																																																			
117	890	217	445	Extension for reply within third month																																																																																																																																																																			
118	1,390	218	695	Extension for reply within fourth month																																																																																																																																																																			
128	1,890	228	945	Extension for reply within fifth month																																																																																																																																																																			
119	310	219	155	Notice of Appeal																																																																																																																																																																			
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																			
121	270	221	135	Request for oral hearing																																																																																																																																																																			
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																			
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																			
141	1,240	241	620	Petition to revive - unintentional																																																																																																																																																																			
142	1,240	242	620	Utility issue fee (or reissue)																																																																																																																																																																			
143	440	243	220	Design issue fee																																																																																																																																																																			
144	600	244	300	Plant issue fee																																																																																																																																																																			
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																			
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																			
126	240	126	240	Submission of information Disclosure Stmt																																																																																																																																																																			
581	40	581	40	Recording each patent assignment per property (times number of properties)	<b>40</b>																																																																																																																																																																		
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																			
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																			
<p><b>1. BASIC FILING FEE</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td><b>710</b></td></tr> <tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> </tbody> </table> <p style="text-align: right;"><b>SUBTOTAL (1) (\$ 710)</b></p> <p><b>2. EXTRA CLAIM FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Total Claims</th> <th colspan="2">Extra Claims</th> <th colspan="2">Fee from Below</th> <th colspan="2">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>-20**=</td> <td>0</td> <td>X</td> <td>18</td> <td>=</td> <td>0</td> <td></td> </tr> <tr> <td>3</td> <td>-3**=</td> <td>0</td> <td>X</td> <td>80</td> <td>=</td> <td>0</td> <td></td> </tr> <tr> <td colspan="4">Multiple Dependent</td> <td>270</td> <td>=</td> <td>270</td> <td></td> </tr> </tbody> </table> <p><i>**or number previously paid, if greater; For Reissues, see below</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>**Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td><td></td></tr> </tbody> </table> <p style="text-align: right;"><b>SUBTOTAL (2) (\$ 270)</b></p>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	101	710	201	355	Utility filing fee	<b>710</b>	106	320	206	160	Design filing fee		107	490	207	245	Plant filing fee		108	710	208	355	Reissue filing fee		114	150	214	75	Provisional filing fee		Total Claims		Extra Claims		Fee from Below		Fee Paid		16	-20**=	0	X	18	=	0		3	-3**=	0	X	80	=	0		Multiple Dependent				270	=	270		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	103	18	203	9	Claims in excess of 20		102	80	202	40	Independent claims in excess of 3		104	270	204	135	Multiple dependent claim, if not paid		109	80	209	40	**Reissue independent claims over original patent		110	18	210	9	**Reissue claims in excess of 20 and over original patent		<p style="text-align: right;"><b>SUBTOTAL (3) (\$ 40)</b></p>																																																						
Large Entity		Small Entity		Fee Description			Fee Paid																																																																																																																																																																
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																				
101	710	201	355	Utility filing fee	<b>710</b>																																																																																																																																																																		
106	320	206	160	Design filing fee																																																																																																																																																																			
107	490	207	245	Plant filing fee																																																																																																																																																																			
108	710	208	355	Reissue filing fee																																																																																																																																																																			
114	150	214	75	Provisional filing fee																																																																																																																																																																			
Total Claims		Extra Claims		Fee from Below		Fee Paid																																																																																																																																																																	
16	-20**=	0	X	18	=	0																																																																																																																																																																	
3	-3**=	0	X	80	=	0																																																																																																																																																																	
Multiple Dependent				270	=	270																																																																																																																																																																	
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																		
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																				
103	18	203	9	Claims in excess of 20																																																																																																																																																																			
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																			
104	270	204	135	Multiple dependent claim, if not paid																																																																																																																																																																			
109	80	209	40	**Reissue independent claims over original patent																																																																																																																																																																			
110	18	210	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																			

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	<b>DAVID G. POSZ</b>	Registration No. (Attorney/Agent)	<b>37,701</b>
Signature		Telephone	<b>(202) 416-1638</b>
		Date	<b>3.26.01</b>

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant commissioner for Patents, Washington, DC 20231.

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

03/28/2001 BSAYASI1 00000028 501147 09816745

01 FC:101		710.00 OP
02 FC:104	230.00 CH	40.00 OP

PTO-1556  
(5/87)

\*U.S. GPO: 1999-459-082/19144

LAW OFFICE OF  
**DAVID G. POSZ**  
2000 L STREET, N.W., SUITE 200  
WASHINGTON, D.C. 20036

SPECIALIZING IN PATENTS, TRADEMARKS & COPYRIGHTS

DAVID G. POSZ  
KERRY S. CULPEPPER\*  
\*ADMITTED IN VA ONLY

March 26, 2001

(202) 416-1638  
FAX (202) 416-1639  
POSZLAW.COM

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

**OIPE HAND DELIVERY FILING CERTIFICATE**

**Applicant:** SAWADA et al.

**For:** MOTOR COIL-SHORTING DETECTING UNIT

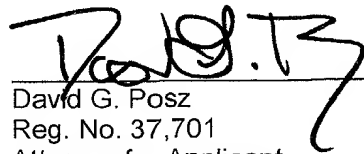
**Docket:** 1-120

**Attorney:** David G. Posz

**Date of Deposit:** March 26, 2001

I hereby certify that this certificate and the following documents are being hand delivered to, and deposited with, the USPTO at the Customer Service Window, Office of Initial Patent Examination, Crystal Plaza Building 2, Room 1B03, 2011 South Clark Place, Arlington, VA 22202 on the above-indicated date, and are addressed to the Commissioner of Patents and Trademarks/Assistant Commissioner for Patents, Washington, D.C., 20231:

- return receipt postcard;
- transmittal form (2 copies);
- fee calculation form (2 copies);
- 14 page specification including 7 numbered claims (and 3 multiple dependent claims);
- 2 sheets of formal drawings;
- executed declaration/power of attorney;
- executed assignment with recordation cover sheet (3 pages total);
- Check for \$750; and
- 1 certified copy of a priority document (JP 2000-127368).

  
David G. Posz  
Reg. No. 37,701  
Attorney for Applicant